

## PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference Case 655 PCT	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/SE99/00198	International filing date (day/month/year) 16.02.1999	Priority date (day/month/year) 19.02.1998
International Patent Classification (IPC) or national classification and IPC7 H04M 3/50		
Applicant Telia AB (publ) et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 4 sheets, including this cover sheet.  
☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of \_\_\_\_\_ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand  08.09.1999	Date of completion of this report  09.05.2000
Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5088 S-102 40 STOCKHOLM Facsimile No. 08-667 72 88	Authorized officer  Göran Magnusson/LR Telephone No. 08-782 25 00

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/SE99/00198

## I. Basis of the report

1. This report has been drawn on the basis of *(Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.)*:

☒ the international application as originally filed.

☐ the description, pages \_\_\_\_\_, as originally filed,  
 pages \_\_\_\_\_, filed with the demand,  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_,  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☐ the claims, Nos. \_\_\_\_\_, as originally filed,  
 Nos. \_\_\_\_\_, as amended under Article 19,  
 Nos. \_\_\_\_\_, filed with the demand,  
 Nos. \_\_\_\_\_, filed with the letter of \_\_\_\_\_,  
 Nos. \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☐ the drawings, sheets/fig \_\_\_\_\_, as originally filed,  
 sheets/fig \_\_\_\_\_, filed with the demand  
 sheets/fig \_\_\_\_\_, filed with the letter of \_\_\_\_\_,  
 sheets/fig \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

2. The amendments have resulted in the cancellation of:

☐ the description, pages \_\_\_\_\_

☐ the claims, Nos. \_\_\_\_\_

☐ the drawings, sheets/fig \_\_\_\_\_

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the supplemental Box (Rule 70.2(c)).

4. Additional observations, if necessary:

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/SE99/00198

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

### 1. Statement

Novelty (N)	Claims	<u>1-7</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-7</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-7</u>	YES
	Claims		NO

### 2. Citations and explanations

The claimed invention relates to a procedure to transmit information (e.g. text messages, telephone numbers) in connection with a telephone answering service in a mobile telephone system. According to the invention the mobile answer device stores information which originates from the calling subscriber. When the called subscriber establishes a connection to the mobile answer device to listen to the recorded speech message, the information is transmitted in parallel to the called subscriber.

The following documents were cited in the international search report:

D1 : EP 0739147 A1

D2 : WO 9320640 A1

D3 : EP 0662763 A2

D1 discloses a mobile telephone answering service comprising storing of a speech message. The telephone number of the calling subscriber is also stored (see column 6, lines 45-55). The stored speech message is transferred to the called subscriber in response to an inquiry.

D2 discloses a telephone answering device that displays information about messages recorded within the device and provides selective access to those messages based on the displayed information.

D3 discloses an integrated electronic mailbox for storing and retrieving various types of electronic messages addressed to a specific individual (see column 2, line 40- column 3, line 69).

.../...

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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**Supplemental Box**

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Box V.

However, the solution according to the claimed invention, specially the transferring of the telephone number or other information from the mobile answer device to the called subscriber in parallel with the speech message, is not known from the cited documents D1-D3 and is not considered to be obvious to a person skilled in the art.

Therefore, the invention claimed in claims 1-7 is considered to be novel (N), to involve an inventive step (IS) and also to have industrial applicability (IA).

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>Case 655 PCT</b>	<div style="display: flex; justify-content: space-between;"> <div> <b>FOR FURTHER ACTION</b> </div> <div> <small>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</small> </div> </div>	
International application No. <b>PCT/SE 99/00198</b>	International filing date ( <i>day/month/year</i> ) <b>16 February 1999</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>19 February 1998</b>
Applicant <b>Telia AB (publ) et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (See Box I).
  
2. ☐ Unity of invention is lacking (See Box II).
  
3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing
 

☐ filed with the international application.  
☐ furnished by the applicant separately from the international application,  

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ transcribed by this Authority.
  
4. With regard to the title, ☒ the text is approved as submitted by the applicant.  
☐ the text has been established by this Authority to read as follows:
  
5. With regard to the abstract,
 

☒ the text is approved as submitted by the applicant.  
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
  
6. The figure of the drawings to be published with the abstract is:
 

Figure No. 1 ☒ as suggested by the applicant. ☐ None of the figures.  
☐ because the applicant failed to suggest a figure.  
☐ because this figure better characterizes the invention.

# INTERNATIONAL SEARCH REPORT

1

International application No.

PCT/SE 99/00198

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC6: H04M 3/50**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC6: H04M, H04Q**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**WPI**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0739147 A1 (NTT MOBILE COMMUNICATIONS NETWORK INC.), 23 October 1996 (23.10.96), column 3, line 8 - line 50; column 6, line 45 - line 55 --	1-7
A	WO 9320640 A1 (KLAUSNER PATENT TECHNOLOGIES), 14 October 1993 (14.10.93), column 3, line 34 - column 5, line 3 --	1-7
A	EP 0662763 A2 (AT&T CORP.), 12 July 1995 (12.07.95), column 2, line 40 - column 3, line 6 -----	1-7

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

**3 Sept 1999**

Date of mailing of the international search report

**08 -09- 1999**

Name and mailing address of the ISA

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

**Göran Magnusson/mj**

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT  
Information on patent family members

02/08/99

International application No.

PCT/SE 99/00198

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0739147 A1	23/10/96	CN 1138403 A WO 9614718 A	18/12/96 17/05/96
WO 9320640 A1	14/10/93	CA 2131187 A EP 0634071 A JP 8502149 T US 5283818 A US 5390236 A US 5524140 A US 5572576 A	14/10/93 18/01/95 05/03/96 01/02/94 14/02/95 04/06/96 05/11/96
EP 0662763 A2	12/07/95	AU 8180194 A CA 2136255 A JP 7221852 A	20/07/95 07/07/95 18/08/95

## PCT COOPERATION TREATY

PCT

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents  
United States Patent and Trademark  
Office  
Box PCT  
Washington, D.C.20231  
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

<b>Date of mailing (day/month/year)</b> 01 November 1999 (01.11.99)	
<b>International application No.</b> PCT/SE99/00198	<b>Applicant's or agent's file reference</b> Case 655 PCT
<b>International filing date (day/month/year)</b> 16 February 1999 (16.02.99)	<b>Priority date (day/month/year)</b> 19 February 1998 (19.02.98)
<b>Applicant</b> OLSSON, Bo et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:08 September 1999 (08.09.99)☐ in a notice effecting later election filed with the International Bureau on:2. The election ☒ was☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

R. E. Stoffel

Telephone No.: (41-22) 338.83.38



PCT

**NOTICE INFORMING THE APPLICANT OF THE  
COMMUNICATION OF THE INTERNATIONAL  
APPLICATION TO THE DESIGNATED OFFICES**

(PCT Rule 47.1(c), first sentence)

From the INTERNATIONAL BUREAU

To:

PRAGSTEN, Rolf  
Telia Research AB  
Vitsandsgatan 9  
S-123 86 Farsta  
SUÈDE

Inkom. Kgp  
Telia Research AB

1999-09-03

Date of mailing (day/month/year) 26 August 1999 (26.08.99)		<b>IMPORTANT NOTICE</b>	
Applicant's or agent's file reference Case 655 PCT			
International application No. PCT/SE99/00198	International filing date (day/month/year) 16 February 1999 (16.02.99)	Priority date (day/month/year) 19 February 1998 (19.02.98)	
Applicant TELIA AB (publ) et al			

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice:  
**AU,EP,JP,US**

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:  
**EE,LT,LV,NO**

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on 26 August 1999 (26.08.99) under No. WO 99/43141

**REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)**

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a **demand for international preliminary examination** must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

**REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))**

If the applicant wishes to proceed with the international application in the **national phase**, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

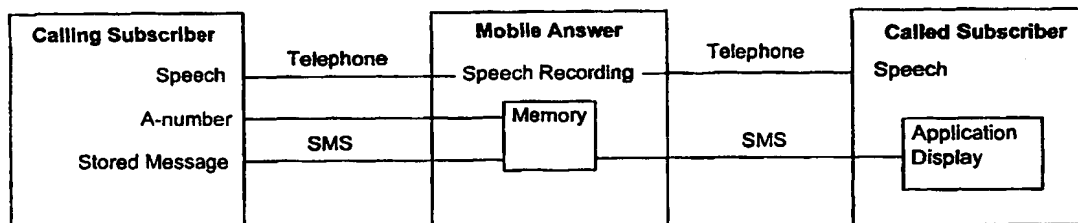
<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. (41-22) 740.14.35</p>	<p>Authorized officer  J. Zahra</p> <p>Telephone No. (41-22) 338.83.38</p>
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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>6</sup> :</b> <b>H04M 3/50</b>	<b>A2</b>	<b>(11) International Publication Number:</b> <b>WO 99/43141</b> <b>(43) International Publication Date:</b> 26 August 1999 (26.08.99)
<b>(21) International Application Number:</b> PCT/SE99/00198 <b>(22) International Filing Date:</b> 16 February 1999 (16.02.99)  <b>(30) Priority Data:</b> 9800483-1                      19 February 1998 (19.02.98)                      SE  <b>(71) Applicant (for all designated States except US):</b> TELIA AB (publ) [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> OLSSON, Bo [SE/SE]; Krogårppan 188, S-136 53 Haninge (SE). WINROTH, Mats, Olof [SE/SE]; Lyckogången 4, S-135 54 Tyresö (SE).  <b>(74) Agent:</b> PRAGSTEN, Rolf; Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta (SE).		<b>(81) Designated States:</b> AU, EE, JP, LT, LV, NO, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>Without international search report and to be republished          upon receipt of that report.</i>

**(54) Title:** PROCEDURE TO TRANSMIT INFORMATION AT TELEPHONE ANSWERING SERVICE

**(57) Abstract**

The invention relates to a procedure to transmit information at a telephone answering service, especially in mobile telephone systems. The telephone answering service has a voice mailbox for recording of speech, and also means of transmitting text message to the mobile telephone, especially via SMS (Short Message Service). The invention makes possible an improved functionality in the system in so far as the text message is transmitted in parallel to the mobile telephone from which listening to the voice mailbox is performed. The text message usually contains a telephone number which can be connected with applications in the mobile terminal. The invention makes possible that telephone numbers or personal messages, manually or automatically, are stored in the mobile answer function and are transmitted to the listening mobile terminal.

**FOR THE PURPOSES OF INFORMATION ONLY**

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

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